

## Collins offers eight new FM transmitters

Phase 4 exciter is integral unit in company's guaranteed clean sound

Collins Radio of Rockwell International Corp., Dallas, last week introduced eight generation 4 FM broadcast transmitters that features the Collins's redesigned Phase 4 exciter.

An exciter determines the quality of the audio signal generated by the transmitter and, according to Collins, the Phase 4 exciter component produces sound so "clean" that the company will guarantee specifications on IM distortion of only .50% in stereo and half that in mono.

The Phase 4 exciter also has a built-in capability to accept discrete four-channel signals. The component also employs phase-locked loop automatic frequency control and provides typical frequency stability of plus or minus 100 cps at any modulation level, regardless of program material.

The eight transmitters introduced by Collins, cover the full FM power range, including 40 kw (model 831H-2), 22.5 kw (831G-2B), 20 kw (831G-2), 10 kw (831F-2), 5 kw (831E-2), 2 kw (831D-2), 1 kw (831C-2), and 10 watt educational transmitter (model 831A-2).

### Technical Briefs

**Allocation help.** Research and standards division of FCC Office of Chief Engineer has made available two reports: VHF-TV Computer Assignment Program (designated FCC/OCE RS74-01) and VCITY\*VHFSIGN (designated FCC/OCE RS74-02). Both were prepared by Gary S. Kalagian, of applied propagation branch, and are to be used in assessing future VHF-TV channel allocations. VHF-TV Computer program is written in Fortran V for use on Univac 1108 computer, and determines channels at locations throughout U.S., Canada and Mexico which would result in most efficient assignment plan. Program is available from *National Technical Informa-*

*tion Service, Springfield, Va. 22161* at \$3.75 for paper copy and \$2.25 for microfiche. VCITY\*VHFSIGN is data card set containing table of VHF-TV assignments for same areas, including coordinate locations for assignments. Data deck is available at same address in magnetic tape for \$97.50.

**Top tape.** Ampex Corp., Redwood City, Calif., announces availability of series 190 half-inch heavy duty, helical-scan video tapes, said to be premium master grade providing superior picture quality and chroma brilliance for both high-band color and monochrome clarity.

**For emergency use.** Norman L. Rivers Associates has begun production of "Du-alert 2" high stability generator for local or remote controlled initiation of two-tone signaling system as required by FCC for all AM, FM and TV stations. (Commission adopted two-tone signaling system to replace present emergency broadcast attention signal, consisting of two five-second breaks followed by 1000 Hz tone for 15 seconds. New standard with two audio tones becomes effective Jan. 15, 1976.) Du-alert 2 unit provides for push button closure which initiates alert mode, automatically switching normal program audio off, accurately timing tone duration and restoring normal audio feed at conclusion of alert. Unit will sell for between \$250-300. *112 Bonnydale Road, Leominster, Mass. 01453. (617) 537-4821.*

**New console.** Sparta Electronic Corp., Sacramento, Calif., announces all-new model dual channel, mono version audio console, to be introduced at National Association of Broadcasters convention in April, that will have 28 inputs into 10 mixers. Only three types of amplifiers are used in console.

**Order down under.** Telemation Inc., Salt Lake City-based equipment manufacturer, has announced \$550,000 order from various Australian TV stations for 10 audio visual distribution switchers (model TVS/TAS-1000). Seven government-operated stations and three independents in Perth, Adelaide and Melbourne are to get deliveries beginning next month.

## Finance

### Capcities sales, profits were on the rise in 1974

Capital Cities Communications Inc., New York, reported 1974 net income up 9% to \$22,025,000 on revenues of \$138,585,000, up 8.7% from 1973 total of \$127,498,000. Results include operations of WBAP(AM)-KSCS(FM) Fort Worth, *Fort Worth Star-Telegram* and two suburban newspapers, which Capacities acquired Nov. 8, 1974, for \$35 million in cash and \$40.5 million in 6% notes payable in varying quarterly amounts from Nov. 1, 1975, to Aug. 1, 1982. Per-share earnings for 1974 were put at \$2.86, compared with \$2.61 for 1973. For fourth quarter of 1974, revenues were up 21% to \$41,636,000 and income was up 10% to \$6,679,000.

### Financial Briefs

**Wometco record highs.** Record per share earnings, net income and sales were reported by Wometco Enterprises Inc., Miami, for period ended Dec. 28. Net income rose 12.2% from \$8,030,000 in previous year to \$9,007,000 in 1974. Revenues rose 19% from \$135,133,000 in 1973 to \$160,871,000. Company's broadcasting division profits were up 5.2% on sales increase of 10.3%.

**Billion for Interpublic.** Interpublic Group, New York, which includes two international operations and five U.S. ad agencies, claims to be first advertising firm to reach one billion dollars in billings. Consolidated annual billing reached \$1,007,080,000 in 1974, up 3.9% from \$969,081,000 in 1973. Net income achieved record results, \$6,955,000 or \$2.93 per share compared with \$6,838,000 or \$2.74 per share in 1973. Gross revenues for 1974 rose to a record \$156,894,000 from \$149,305,000 in 1973. Current annual dividend rate is \$1 per share.

**Good year.** Foote, Cone & Belding Communications, New York, reported record revenue and second highest income in its history for 1974. Operating

### Week's worth of earnings reports from stocks on Broadcasting's index

Company	Period/Ended	CURRENT AND CHANGE				Per Share	YEAR EARLIER		
		Revenues	Change	Net Income	Change		Revenues	Net Income	Per Share
Comsat	year 12/31	133,470,000	+ 11.9%	44,918,000	+ 34.8%	4.49	119,291,000	36,299,000	3.63
Fairchild Industries	year 12/31	252,392,000	+ 6.4%	6,022,000	*	1.32	237,224,000	(2,263,000)	.50
Gannett Co.	year 12/29	331,312,547	+ 7.2%	33,234,744	+ 14.0%	1.58	308,849,048	29,170,612	1.39
General Tire & Rubber Co.	year 11/30	1,726,199,000	+ 25.2%	78,113,000	+ 2.7%	3.60	1,379,966,000	76,846,000	3.55
Harte-Hanks	year 12/31	79,066,000	- 5.0%	2,117,000	- 79.0%	1.50	83,212,000 <sup>3</sup>	10,043,000	3.16 <sup>2</sup>
Interpublic Group	year 12/31	1,007,080,000	+ 3.9%	6,955,000	+ 1.7%	2.93	969,081,000	6,838,000	2.74
Jefferson-Pilot	year 12/31	476,440,989	+ 11.7%	58,126,396	+ 13.4%	2.41	426,643,759	51,255,606	2.13
Metromedia, Inc.	year 12/28	202,155,050	+ 24.2%	6,681,795	- 32.5%	1.02	194,929,242	9,903,237	1.53
PSA Inc.	year 12/31	154,808,875	+ 21.2%	1,589,627	+ 53.5%	.50	127,804,355	627,123	.18
Times Mirror Co.	year 12/31	751,113,000	+ 6.3%	58,521,000	+ 6.6%	1.73	706,067,000	54,907,000	1.63
Wometco Enterprises	year 12/29	160,871,000	+ 19.0%	9,007,000	+ 12.2%	1.51	135,133,000	8,030,000	1.33

\* Change too great to be meaningful.

<sup>1</sup> Corrects report, BROADCASTING, Feb. 17.

<sup>2</sup> Includes net gain of \$8,261,000 or \$1.90 per share from sale of Express Publishing Co.

<sup>3</sup> Includes Express Publishing Co. revenues of \$14,552,000 for year.



income from commissions and fees rose 3.1% over 1973 and income from advertising operations was \$3,105,000 (\$1.52 per share), down slightly from \$3,356,000 (\$1.58 per share) in 1973.

**Acceptance.** LIN Broadcasting Corp., New York, reported that holders of \$2,564,900 of its privately held 6% subordinated convertible notes had accepted company's offer to increase interest rate

on their notes from 6% to 8% in return for elimination of conversion features of their notes (at 12%). Holders of additional \$1,644,700 accepted similar offer made last November. Number of shares reserved for conversion has been reduced from 583,391 to 232,591.

**Catching fish.** ABC's Leisure Group II and Leisure Marine Corp. of San Diego will form joint venture to lease Seven

Seas Sealife Park from city of Arlington, Tex., for five-year period beginning March 1, subject to satisfactory completion of negotiations between three parties. Park would become part of ABC Scenic and Wildlife Attractions, which also operates Silver Springs and Weeki Wachee in Florida, wildlife preserve in Largo, Md., and Historic Towne of Smithville near Atlantic City.

## Broadcasting's index of 134 stocks allied with electronic media

	Stock symbol	Exch.	Closing Wed. Feb 19	Closing Wed. Feb. 12	Net change in week	% change in week	1974-75		P/E ratio	Approx. shares out (000)	Total market capitali- zation (000)
							High	Low			
Broadcasting											
ABC	ABC	N	18 1/8	19 3/4	- 1 5/8	- 8.22	28 3/8	12 3/8	6	17,186	311,496
CAPITAL CITIES	CCR	N	31 1/2	30 3/8	+ 1 1/8	+ 3.70	39 1/4	19 1/2	11	7,164	225,666
CBS	CBS	N	39 3/4	38 3/8	+ 1 3/8	+ 3.58	40	25	11	28,092	1,116,657
CONCERT NETWORK***	O		1/8	1/8		.00	7/8	1/8		2,200	275
COX	COX	N	16 1/4	16 3/4	- 1/2	- 2.98	19 3/8	9 3/8	8	5,831	94,753
GROSS TELECASTING	GGG	A	9 1/2	8 5/8	+ 7/8	+ 10.14	13 5/8	6 3/8	7	800	7,600
LIN	LINB	O	4 3/8	4 1/2	- 1/8	- 2.77	6 3/4	2	4	2,297	10,049
MOONEY*	MOON	O	3 1/4	1 7/8	+ 1 3/8	+ 73.33	3 5/8	1	9	385	1,251
RAHALL	RAHL	O	3 1/4	3	+ 1/4	+ 8.33	6	1 3/4	7	1,297	4,215
SCRIPPS-HOWARD	SCRIP	O	17 1/4	17 1/2	- 1/4	- 1.42	17 1/2	13 1/2	7	2,589	44,660
STARR	SBG	M	4 3/8	4	+ 3/8	+ 9.37	9	3 1/4	4	1,091	4,773
STORER	SBK	N	14 1/2	15 1/2	- 1	- 6.45	17 3/8	10 7/8	5	4,725	68,512
TAFT	TFB	N	17 1/8	16 5/8	+ 1/2	+ 3.00	23 3/8	10 3/4	6	4,011	68,688
WOODS COMM.*	O		1/2	1/2		.00	1	1/4	4	292	146
TOTAL										77,960	1,958,741

### Broadcasting with other major interests

ADAMS-RUSSELL	AAR	A	1 1/2	1 1/4	+	1/4	+	20.00	2 1/2	3/4	9	1,265	1,897
AVCO	AV	N	4	4 1/8	-	1/8	-	3.03	8 7/8	2 1/8	11	11,481	45,924
BARTLETT MEDIA	BMC	A	1 1/2	1 1/2				.00	2 3/8	5/8	2	2,257	3,385
JOHN BLAIR	BJ	N	4 5/8	5	-	3/8	-	7.50	7 1/2	3 1/2	5	2,403	11,113
CAMPTOWN IND.***	O		1/8	1/8				.00	7/8	1/8	2	1,138	142
CHRIS-CRAFT	CCN	N	2 3/4	2 1/2	+	1/4	+	10.00	4 1/4	1 1/2	6	4,162	11,445
COMBINED COMM.	CCA	A	10	5 1/8	+	4 7/8	+	95.12	13	5 1/8	7	4,603	46,030
COWLES	CWL	N	6 1/8	6	+	1/8	+	2.08	7 1/8	3 7/8	8	3,969	24,310
DUN & BRADSTREET	DNB	N	26 7/8	25 1/2	+	1 3/8	+	5.39	36	14 5/8	18	26,555	713,665
FAIRCHILD IND.	FEN	N	6 1/2	6 1/2				.00	6 3/4	3 3/4	9	4,550	29,575
FUQUA	FOA	N	4 7/8	4 7/8				.00	10 3/4	3 1/8	4	7,273	35,455
GANNETT CO.	GCI	N	29 3/8	27 7/8	+	1 1/2	+	5.38	38 1/4	20 1/2	19	21,080	619,225
GENERAL TIRE	GY	N	13 1/2	13 5/8	-	1/8	-	.91	18 1/4	10 1/4	4	21,518	290,493
GLOBETROTTER	GLBTA	O	2 5/8	1 1/4	+	1 3/8	+	110.00	4 3/4	7/8	6	2,731	7,168
GRAY COMMUN.*	O		6	6				.00	8 1/2	5	4	475	2,850
HARTE-HANKS	HHN	N	10 3/4	10 1/8	+	5/8	+	6.17	14 1/4	6	8	4,340	46,655
JEFFERSON-PILOT	JP	N	31 3/4	33 7/8	-	2 1/8	-	6.27	38 1/4	20 1/2	14	24,188	767,969
KAISER INDUSTRIES*	KI	A	6 7/8	6	+	7/8	+	14.58	8 1/2	4 1/4	3	27,487	188,973
KANSAS STATE NET.*	KSN	O	3 7/8	3 7/8				.00	3 7/8	2 3/4	7	1,741	6,746
KINGSTIP	KTP	A	3 1/8	3	+	1/8	+	4.16	6 3/4	1 1/2	8	1,154	3,606
KNIGHT-RIDDER	RPI	N	10 1/2	10 1/2				.00	16 5/8	9 1/4	7	8,305	87,202
LAMB COMMUN.***	P		1 1/4	1 1/4				.00	1 1/4	1 1/8	25	475	593
LEE ENTERPRISES	LNT	A	14 1/8	13 3/4	+	3/8	+	2.72	16 1/4	10 3/4	8	3,352	47,347
LIBERTY	LC	N	10 1/2	10	+	1/2	+	5.00	15 5/8	7 1/8	4	6,626	69,573
MCGRAW-HILL	MHP	N	8 5/8	8 5/8				.00	9	5 1/2	7	23,291	200,884
MEDIA GENERAL	MEG	A	24 7/8	24 1/2	+	3/8	+	1.53	26 1/2	15 1/2	10	3,552	88,356
MEREDITH	MDP	N	9 3/8	9 1/4	+	1/8	+	1.35	11 3/8	8	3	2,984	27,975
METROMEDIA	MET	N	8	7 1/4	+	3/4	+	10.34	10 5/8	4 1/2	7	6,447	51,576
MULTIMEDIA	MMED	O	12 3/4	12 1/2	+	1/4	+	2.00	14 1/4	8 3/4	8	4,388	55,947
NEW YORK TIMES CO.	NYKA	A	9 3/8	8 7/8	+	1/2	+	5.63	13 3/4	6 7/8	6	10,231	95,915
OUTLET CO.	OTU	N	9 7/8	9 1/2	+	3/8	+	3.94	10	7	4	1,379	13,617
POST CORP.	POST	O	5 3/4	7 1/4	-	1 1/2	-	20.68	16 1/2	4 3/4	4	882	5,071
PSA	PSA	N	5 1/4	5 5/8	-	3/8	-	6.66	10	3 3/4	6	3,181	16,700
REEVES TELECOM	RBT	A	1 1/4	1 1/8	+	1/8	+	11.11	1 3/4	5/8	21	2,376	2,970
ROLLINS	ROL	N	16 7/8	15 1/2	+	1 3/8	+	8.87	19 3/4	6 1/2	13	13,341	225,129
RUST CRAFT	RUS	A	5 7/8	5 7/8				.00	10 1/4	5 1/8	5	2,341	13,753
SAN JUAN RACING	SJR	N	8 3/8	9 1/8	-	3/4	-	8.21	13 3/8	5 1/2	6	2,509	21,012
SCHERING-PLOUGH	SGP	N	62 3/8	56 1/2	+	5 7/8	+	10.39	74 3/8	44 3/4	28	53,823	3,357,209
SONDERLING	SDB	A	6	5 3/4	+	1/4	+	4.34	10	3 1/2	4	747	4,482
TECHNICAL OPERATIONS	TO	A	5 3/4	5 1/8	+	5/8	+	12.19	6 3/4	2 3/8	5	1,344	7,728
TIMES MIRROR CO.	TMC	N	15 7/8	15 1/4	+	5/8	+	4.09	17 5/8	9 1/4	9	31,385	498,236
WASHINGTON POST CO.	WPO	A	21 3/8	20 7/8	+	1/2	+	2.39	24 3/8	14 3/4	7	4,750	101,531
WOMETCO	WOM	N	8 3/8	8 7/8	-	1/2	-	5.63	10 1/4	6 1/4	6	5,985	50,124
TOTAL											368,064	7,899,556	

### Cablecasting

AMECO**	ACO	O	1/4	1/4		.00	1 7/8	1/8		1,200	300
AMER. ELECT. LABS	AELBA	O	7/8	3/4	+ 1/8	+ 16.66	2 1/8	1/2	3	1,672	1,463